



# **CITY OF CONOVER WASTEWATER TREATMENT ANNUAL PERFORMANCE REPORT**

***Purpose: This report is to notify our customers about our water pollution control activities during the fiscal year from July 1, 2016 through June 31, 2017. It covers the City of Conover NE Wastewater Treatment Plant and Collection System.***

## ***I. General Information***

**Facility System Name:** City of Conover Wastewater Treatment and Collection System

**Responsible Entity:** City of Conover

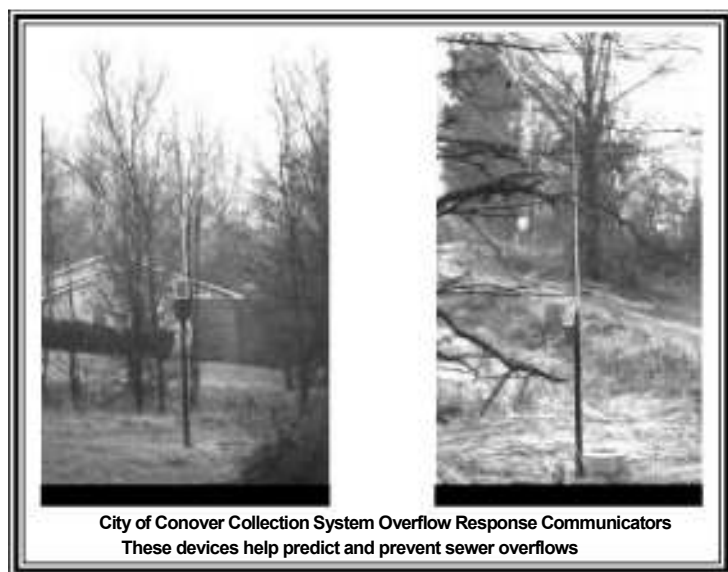
**Person in Charge/Contact:** Michael Fox - Wastewater Treatment and Collection Supervisor and  
Northeast WWTP ORC  
Phone: 465-2279 Cell 217-5097  
Tony Parker- Collection System ORC  
Cell 312-4344  
Collection System  
Cell 217-5101

**Applicable Permits:** Northeast Wastewater Treatment Plant NC0024252  
City of Conover Collection System Permit No. WQCS00088

### **Description of Collection System and Treatment Processes:**

**Collection System:** The City of Conover's collection system consist of 116 miles of sewer line with seven pumping station. The collection system transports wastewater to the City of Conover's Northeast Wastewater Treatment Plant, and a portion, to the City of Newton's Regional Clark Creek Wastewater Treatment Plant.

**Northeast Wastewater Treatment Plant:** The City of Conover Northeast Wastewater Treatment Plant is located at 3680 Hillview Drive, Conover. It is a sequencing batch reactor, activated sludge facility with tertiary sand filters. The discharge goes into Lyle Creek. The Northeast Facility has a permitted treatment capacity of 1.5 million gallons per day with a present day average flow of 0.669 million gallons per day.



**Note to Consumers:** If all of your drains seem to be clogged, call the City before calling a plumber. The City crew will come out, at no charge, and check the problem and unclog the blockage if it is in the City's collection line. If it is in your lines you will have to call a plumber, but let us check first.

Day time numbers:	464-4808
	465-2279
	217-5101
	217-5097
Evenings	464-3112

# Please help us keep our environment clean.

## Dispose of cooking grease as solid waste

### ***II. Performance:***

The City of Conover is very proud of the performance of the treatment plant and collection system over this year 2016-2017.

#### **Collection System:**

On January 9, 2017 ER Carpenter Pump station a control failure resulting in 100 gallons of untreated wastewater entering Long Creek.

On January 23, 2017 Conover's a manhole at 603 2<sup>nd</sup> Avenue Drive NE overflowed due to a severe rain and roots and grit in the lines resulting in 600 gallons of untreated wastewater entering Lyle Creek.

On May 1, 2017 a manhole at 1405 Emanuel Church Road overflowed due to debris in the line resulting in 100 gallons of untreated wastewater entering Mclin Creek.

*The City of Conover's staff would like to take this opportunity to thank the concerned citizens who notified us of sewer problems this past year. Your help greatly improves our ability to protect the environment.*

**The City of Conover Northeast Wastewater Treatment Plant did not exceed any limits this reporting period 2016-2017.**

NEWWTP NC0024252	Discharge 001									
	Effluent Pollutants					Influent Pollutants		Removal		
Date	Flow (mgd)	BOD	NH3	TSS	Fecal Coliform	Toxicity	BOD	TSS	BOD	TSS
July-16	0.702	1.2	0.445	4.05	2		275.4	237.2	100%	98%
August-16	0.549	2.8	0.866	4.25	10		288.9	179.9	99%	98%
September-16	0.511	0.8	0.735	4.69	8	PASS	263.9	178.2	100%	97%
October-16	0.518	0.9	0.543	4.46	4		272.9	191.5	100%	98%
November-16	0.655	0.2	0.521	4.24	1		288.8	212.4	100%	98%
December-16	0.679	0.4	0.418	3.41	2	PASS	289.2	201.5	100%	98%
January-17	0.763	3.5	1.621	3.28	3		285.9	178.9	99%	98%
February-17	0.598	0.5	1.198	3.23	1		298.8	190.5	100%	98%
March-17	0.658	0	0.671	2.86	1	PASS	264.4	209.1	100%	99%
April-17	0.936	4.75	1.632	3.32	4		301.7	148.9	98%	98%
May-17	0.716	1.9	0.852	3.57	3		280.4	164.1	99%	98%
June-17	0.747	3.0	0.954	2.31	1	PASS	316.2	140.3	99%	98%
Yearly Average	0.669	1.7	0.871	3.64	3		285.5	186.0	99%	98%
NPDES LIMIT	1.500	16/8	4.0/2.0	30	200col/100ml	Pass/Fail			85%	85%

**Any questions concerning this report please call Michael Fox at 465-2279.**